ELSEVIER

Neuroscience Letters 352 (2003) 238–240

Neuroscience Letters

www.elsevier.com/locate/neulet

Contents to Volume 352

Volume 352, no. 1

Effect of stimulus frequency on human cerebral hemodynamic responses to electric median nerve stimulation: a near-infrared spectroscopic study
M. Tanosaki, C. Sato, M. Shimada, Y. Iguchi, Y. Hoshi (Japan) 1

Cortical field potentials preceding self-paced forelimb movements and influences of cerebellectomy upon them in rats
H. Ohishi, J. Ichikawa, R. Matsuzaki, S.-i. Kyuhou, K. Matsuura-Nakao, T. Seki, H. Gemba (Japan) 5

Isolation of neural activities from respiratory and heartbeat noises for in vivo optical recording in guinea pigs using independent component analysis
S. Inagaki, T. Katura, H. Kawaguchi, W.-J. Song (Japan) 9

Methamphetamine-induced neurotoxicity in mouse brain is attenuated by ketoprofen, a non-steroidal anti-inflammatory drug
M. Asanuma, T. Tsuji, I. Miyazaki, K. Miyoshi, N. Ogawa (Japan) 13

Proteomic analysis reveals upregulation of calreticulin in murine dopaminergic neuronal cells after treatment with 6-hydroxydopamine
Y.M. Lee, S.H. Park, K.C. Chung, Y.J. Oh (South Korea) 17

Induction of intercellular adhesion molecule-1 by Fas ligation: proinflammatory roles of Fas in human astroglioma cells
K. Choi, E.N. Benveniste, C. Choi (South Korea, USA) 21

Native and foreign vowel discrimination as indexed by the mismatch negativity (MMN) response
M.S. Peltola, T. Kujala, J. Tuomainen, M. Ek, O. Aaltonen, R. Näätänen (Finland) 25

The role of −850 tumor necrosis factor-α and apolipoprotein E genetic polymorphism in patients with Down's syndrome-related dementia
P. Lucarelli, A. Piciullo, M. Verdecchia, M. Palmarino, C. Arpino, P. Curatolo (Italy) 29

Treadmill exercise decreases intrastriatal hemorrhage-induced neuronal cell death via suppression on caspase-3 expression in rats
H.-H. Lee, H. Kim, M.-H. Lee, H.-K. Chang, T.-H. Lee, M.-H. Jang, M.-C. Shin, B.-V. Lim, M.-S. Shin, Y.-P. Kim, J.-H. Yoon, I.-G. Jeong, C.-J. Kim (South Korea) 33

Interactions of acute morphine with chronic imipramine and fluvoxamine treatment on the antinociceptive effect in arthritic rats
M. Gutiérrez, A. Ortega-Álvaro, J. Gibert-Rahola, J.A. Micó (Spain) 37

Simultaneous changes in secretory amyloid precursor protein and β-amyloid peptide release from rat hippocampus by activation of muscarinic receptors
Y. Qiu, X.-J. Wu, H.-Z. Chen (China) 41

Exercise during pregnancy increases hippocampal brain-derived neurotrophic factor mRNA expression and spatial learning in neonatal rat pup
P. Parnpiansil, N. Jutapakdeegul, T. Chentanez, N. Kotchabhakdi (Thailand) 45

Immunoreactivity of brain-derived neurotrophic factor in rat dorsal root ganglion and spinal cord dorsal horn following exposure to herniated nucleus pulposus
A. Onda, Y. Murata, B. Rydevik, K. Larsson, S. Kikuchi, K. Olmarker (Sweden, Japan) 49

Screening for mutations of the ferritin light and heavy genes in Parkinson's disease patients with hyperechogenicity of the substantia nigra
B. Felletschin, P. Bauer, U. Walter, S. Behnke, J. Spiegel, I. Csoti, U. Sommer, B. Zeiler, G. Becker, O. Riess, D. Berg (Germany) 53

Human serum amyloid P component attenuates the bacterial lipopolysaccharide-induced increase in blood–brain barrier permeability in mice
S. Veszelka, Z. Urbányi, T. Pázmány, L. Németh, I. Obál, N.T.K. Dung, C.S. Ábrahám, G. Szabó, M.A. Deli (Hungary) 57

Time of day differences in IL1β and TNFα mRNA levels in specific regions of the rat brain
C. Cearley, L. Churchill, J.M. Krueger (USA) 61

Nitric oxide synthase and soluble guanylate cyclase are involved in spinal cord wind-up activity of monoarthritic, but not of normal rats
C. Laurido, A. Hernández, L. Constandil, T. Pelissier (Chile) 64

Cerebrospinal fluid markers for prediction of Alzheimer's disease
H. Zetterberg, L.-O. Wahlund, K. Blennow (Sweden) 67

ELSEVIER

Neuroscience Letters 352 (2003) 238–240

Neuroscience Letters

www.elsevier.com/locate/neulet

Contents to Volume 352

Volume 352, no. 1

Effect of stimulus frequency on human cerebral hemodynamic responses to electric median nerve stimulation: a near-infrared spectroscopic study
M. Tanosaki, C. Sato, M. Shimada, Y. Iguchi, Y. Hoshi (Japan) 1

Cortical field potentials preceding self-paced forelimb movements and influences of cerebellectomy upon them in rats
H. Ohishi, J. Ichikawa, R. Matsuzaki, S.-i. Kyuhou, K. Matsuura-Nakao, T. Seki, H. Gemba (Japan) 5

Isolation of neural activities from respiratory and heartbeat noises for in vivo optical recording in guinea pigs using independent component analysis
S. Inagaki, T. Katura, H. Kawaguchi, W.-J. Song (Japan) 9

Methamphetamine-induced neurotoxicity in mouse brain is attenuated by ketoprofen, a non-steroidal anti-inflammatory drug
M. Asanuma, T. Tsuji, I. Miyazaki, K. Miyoshi, N. Ogawa (Japan) 13

Proteomic analysis reveals upregulation of calreticulin in murine dopaminergic neuronal cells after treatment with 6-hydroxydopamine
Y.M. Lee, S.H. Park, K.C. Chung, Y.J. Oh (South Korea) 17

Induction of intercellular adhesion molecule-1 by Fas ligation: proinflammatory roles of Fas in human astroglioma cells
K. Choi, E.N. Benveniste, C. Choi (South Korea, USA) 21

Native and foreign vowel discrimination as indexed by the mismatch negativity (MMN) response
M.S. Peltola, T. Kujala, J. Tuomainen, M. Ek, O. Aaltonen, R. Näätänen (Finland) 25

The role of −850 tumor necrosis factor-α and apolipoprotein E genetic polymorphism in patients with Down's syndrome-related dementia
P. Lucarelli, A. Piciullo, M. Verdecchia, M. Palmarino, C. Arpino, P. Curatolo (Italy) 29

Treadmill exercise decreases intrastriatal hemorrhage-induced neuronal cell death via suppression on caspase-3 expression in rats
H.-H. Lee, H. Kim, M.-H. Lee, H.-K. Chang, T.-H. Lee, M.-H. Jang, M.-C. Shin, B.-V. Lim, M.-S. Shin, Y.-P. Kim, J.-H. Yoon, I.-G. Jeong, C.-J. Kim (South Korea) 33

Interactions of acute morphine with chronic imipramine and fluvoxamine treatment on the antinociceptive effect in arthritic rats
M. Gutiérrez, A. Ortega-Álvaro, J. Gibert-Rahola, J.A. Micó (Spain) 37

Simultaneous changes in secretory amyloid precursor protein and β-amyloid peptide release from rat hippocampus by activation of muscarinic receptors
Y. Qiu, X.-J. Wu, H.-Z. Chen (China) 41

Exercise during pregnancy increases hippocampal brain-derived neurotrophic factor mRNA expression and spatial learning in neonatal rat pup
P. Parnpiansil, N. Jutapakdeegul, T. Chentanez, N. Kotchabhakdi (Thailand) 45

Immunoreactivity of brain-derived neurotrophic factor in rat dorsal root ganglion and spinal cord dorsal horn following exposure to herniated nucleus pulposus
A. Onda, Y. Murata, B. Rydevik, K. Larsson, S. Kikuchi, K. Olmarker (Sweden, Japan) 49

Screening for mutations of the ferritin light and heavy genes in Parkinson's disease patients with hyperechogenicity of the substantia nigra
B. Felletschin, P. Bauer, U. Walter, S. Behnke, J. Spiegel, I. Csoti, U. Sommer, B. Zeiler, G. Becker, O. Riess, D. Berg (Germany) 53

Human serum amyloid P component attenuates the bacterial lipopolysaccharide-induced increase in blood–brain barrier permeability in mice
S. Veszelka, Z. Urbányi, T. Pázmány, L. Németh, I. Obál, N.T.K. Dung, C.S. Ábrahám, G. Szabó, M.A. Deli (Hungary) 57

Time of day differences in IL1β and TNFα mRNA levels in specific regions of the rat brain
C. Cearley, L. Churchill, J.M. Krueger (USA) 61

Nitric oxide synthase and soluble guanylate cyclase are involved in spinal cord wind-up activity of monoarthritic, but not of normal rats
C. Laurido, A. Hernández, L. Constandil, T. Pelissier (Chile) 64

Cerebrospinal fluid markers for prediction of Alzheimer's disease
H. Zetterberg, L.-O. Wahlund, K. Blennow (Sweden) 67

Dose effect relationship between the number of normal progenitor muscle cells grafted in mdx mouse skeletal striated muscle and the number of dystrophin-positive fibres
C. Praud, D. Montarras, C. Pinset, A. Sebille (France) 70
He can tell which master craftsman blew a Venetian vase, but he can not name the Pope: a patient with a selective difficulty in naming faces
C. Semenza, G. Sartori, J. D'Andrea (Italy) 73

Volume 352, no. 2

Sex-dependent effects of Δ^9-tetrahydrocannabinol on locomotor activity in mice
J.L. Wiley (USA) 77
Induction of c-fos in nucleus accumbens in naive male Balb/c mice after wheel running
H. Vargas-Pérez, J. Mena-Segovia, M. Giordano, J.-L. Díaz (Mexico) 81
Cortical excitability changes associated with musical tasks: a transcranial magnetic stimulation study in humans
Y.L. Lo, S. Fook-Chong, D.P.C. Lau, E.K. Tan (Singapore) 85
Utilization of exogenous tetrahydrobiopterin in nitric oxide synthesis in human neuroblastoma cell line
H.J. Choi, S.W. Kim, J.H. Im, S.-G. Lee, M. Kim, O. Hwang (South Korea) 89
No blocking effects of the pentapeptide QYNAD on Na^+ channel subtypes expressed in Xenopus oocytes or action potential conduction in isolated rat sural nerve
S. Quasthoff, C. Pojer, A. Mori, D. Hofer, P. Liebmann, B.C. Kieseier, W. Schreibmayer (Austria, Germany) 93
Trans-sodium crocetinate increases oxygen delivery to brain parenchyma in rats on oxygen supplementation
D.O. Okonkwo, J. Wagner, D.E. Melon, T. Alden, J.R. Stone, G.A. Helm, J.A. Jane Sr. (USA) 97
Decreased levels of CD95 and caspase-8 mRNA in multiple sclerosis patients with gadolinium-enhancing lesions on MRI
A.C. Gomes, M. Morris, L. Stawiarz, G. Jönsson, P. Putheti, L. Bronge, H. Link, J. Hillert (Sweden, USA) 101
Down-regulation of GluR2 is associated with Ca^{2+}-dependent protease activities in kainate-induced apoptotic cell death in culturd rat hippocampal neurons
S.-Y. Li, J.-H. Ni, D.-S. Xu, H.-T. Jia (PR China, USA) 105
Expression of nestin in Purkinje cells in patients with Creutzfeldt-Jakob disease
Y. Mizuno, T. Takeuchi, M. Takatama, K. Okamoto (Japan) 109
Characterisation of zinc uptake into rat cultured cerebrocortical oligodendrocyte progenitor cells
W. Law, E.E. Kelland, P. Sharp, N.J. Toms (UK) 113
Does SPM 927 have an analgesic effect in human neuropathic pain? An open label study
G. McCleane, B. Koch, C. Rauschkolb (UK, Germany) 117
Neurokinin receptor 1-expressing spinal cord neurons in lamina I and III/IV of postnatal rats receive inputs from capsaicin sensitive fibers
C. Labrakakis, A.B. MacDermott (USA) 121
Long-term changes of activity of cortical neurons after status epilepticus induced at early developmental stages in rats
J. Doczi, K. Bernášková, H. Kubová, L. Détari, I. Világi, R. Druga, P. Mareš (Czech Republic, Hungary) 125
Stimulus complexity enhances auditory discrimination in patients with extremely severe brain injuries
B. Kotchoubey, S. Lang, E. Herb, P. Maurer, D. Schmalohr, V. Bostanov, N. Birbaumer (Germany, Italy) 129
Event-related potentials reflect impaired face recognition in patients with congenital prosopagnosia
T. Kress, I. Daum (Germany) 133
Negative association between amyloid plaques and cerebral amyloid angiopathy in Alzheimer's disease
J. Tian, J. Shi, K. Bailey, D.M.A. Mann (UK, China) 137
Increased expression of γ-aminobutyric acid type B receptors in the hippocampus of patients with temporal lobe epilepsy
S. Furtinger, S. Pirker, T. Czech, C. Baumgartner, G. Sperk (Austria) 141
Heparan sulfate proteoglycan 2 polymorphism in Alzheimer's disease and correlation with neuropathology
S. Iivonen, S. Helisalmi, A. Mannermaa, I. Alafuzoff, M. Lehtovirta, H. Soininen, M. Hiltunen (Finland) 146
Polymorphism in the human DJ-1 gene is not associated with sporadic dementia with Lewy bodies or Parkinson's disease
C.M. Morris, K.K. O'Brien, A.M. Gibson, J.A. Hardy, A.B. Singleton (UK, USA) 151

Volume 352, no. 3

Minocycline-induced activation of tetracycline-responsive promoter
A. Chtarto, L. Tenenbaum, T. Velu, J. Brotchi, M. Levivier, D. Blum (Belgium) 155
Establishment and assessment of a rat model of fatigue
M. Tanaka, F. Nakamura, S. Mizokawa, A. Matsumura, S. Nozaki, Y. Watanabe (Japan) 159
Prevention by maternal pancreatic islet transplantation of hypothalamic malformation in offspring of diabetic mother rats is already detectable at weaning
T. Harder, K. Franke, S. Fahrenkrog, L. Aerts, R. Van Bree, F.A. Van Assche, A. Plagemann (Germany, Belgium) 163

Adenosine modulates the striatal GABAergic inputs to the globus pallidus via adenosine A_{2A} receptors in rats
T. Shindou, P.J. Richardson, A. Mori, H. Kase, M. Ichimura (Japan, UK) 167
EAAT4 mRNA expression is preserved in the cerebellum of prion protein-deficient mice
M. Yukitake, J.-i. Satoh, S. Katamine, Y. Kuroda (Japan) 171
Zinc amplifies mSOD1-mediated toxicity in a transgenic mouse model of amyotrophic lateral sclerosis
G.J. Groeneveld, J. de Leeuw van Weenen, F.L. van Muiswinkel, H. Veldman, J.H. Veldink, J.H.J. Wokke, P.R. Bär, L.H. van den Berg (The Netherlands) 175
Rats with low exploratory activity in the elevated plus-maze have the increased expression of limbic system-associated membrane protein gene in the periaqueductal grey
A. Nelovkov, M.-A. Philips, S. Kõks, E. Vasar (Estonia) 179
Ascorbic acid antagonizes the inhibitory effect of acute ethanol on nitrite levels in the striatum of freely moving mice
P.G. Yan, C.F. Wu, M. Huang, W. Liu, J.Y. Yang (China) 183
Central cyclooxygenase-2 participates in interleukin-1β-induced hyperalgesia in the orofacial formalin test of freely moving rats
H.S. Choi, H.J. Lee, C.Y. Jung, J.S. Ju, J.S. Park, D.K. Ahn (South Korea) 187
Brain activation pattern during a verbal fluency test in healthy male and female volunteers: a functional magnetic resonance imaging study
E.M. Weiss, C. Siedentopf, A. Hofer, E.A. Deisenhammer, M.J. Hoptman, C. Kremser, S. Golaszewski, S. Felber, W.W. Fleischhacker, M. Delazer (Austria, USA) 191
Recombinant $\alpha1\beta2\gamma2$ $GABA_A$ receptors expressed in HEK293 and in QT6 cells show different kinetics
K. Mercik, M. Pytel, J.W. Mozrzymas (Poland) 195
The neural substrates of driving at a safe distance: a functional MRI study
Y. Uchiyama, K. Ebe, A. Kozato, T. Okada, N. Sadato (Japan) 199
Brain protection by resveratrol and fenofibrate against stroke requires peroxisome proliferator-activated receptor α in mice
H. Inoue, X.-F. Jiang, T. Katayama, S. Osada, K. Umesono, S. Namura (Japan, USA) 203
Anticipatory control in the initiation of a single step under biomechanical constraints in humans
T. Ito, T. Azuma, N. Yamashita (Japan) 207
The effect of hypocapnia ($PaCO_2$ 27 mmHg) on CaM kinase IV activity, Bax/Bcl-2 protein expression and DNA fragmentation in the cerebral cortex of newborn piglets
K.I. Fritz, A.B. Zubrow, Q.M. Ashraf, O.P. Mishra, M. Delivoria-Papadopoulos (USA) 211
Up-regulation of murine double minute clone 2 (MDM2) gene expression in rat brain after morphine, heroin, and cocaine administrations
Y. Jiang, W. Yang, Y. Zhou, L. Ma (China) 216
Ambient odors modulate visual attentional capture
G.A. Michael, L. Jacquot, J.-L. Millot, G. Brand (France) 221
Polymorphisms within the promoter and the intron 2 of the serotonin transporter gene in a population of bulimic patients
N. Lauzurica, A. Hurtado, A. Escartí, M. Delgado, V. Barrios, G. Morandé, J. Soriano, I. Jáuregui, M.I. González-Valdemoro, E. García-Camba, J.A. Fuentes (Spain) 226
Change in the expression of *c-fos* in the rat brain following sciatic nerve ligation
M. Narita, S. Ozaki, M. Narita, Y. Ise, Y. Yajima, T. Suzuki (Japan) 231

Author Index 234
Volume of Contents 238